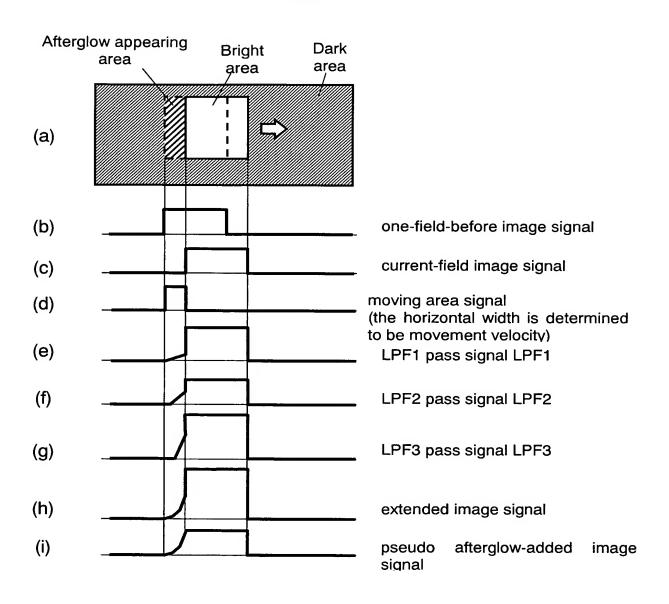
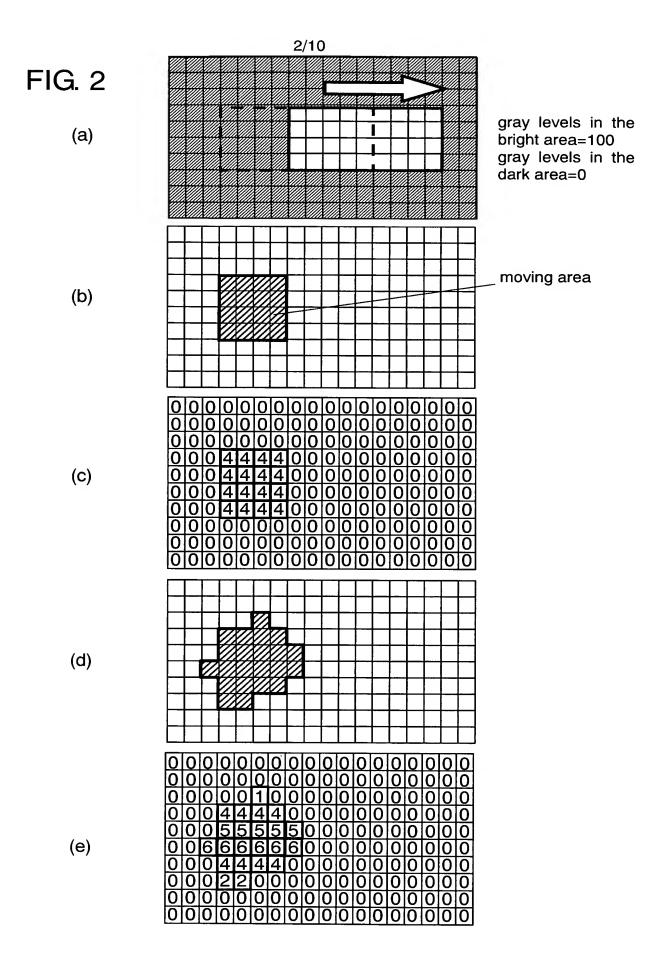
1/10 FIG. 1





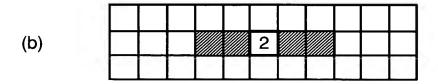
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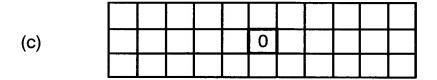
FIG. 3

| movement velocity | tap values |
|-------------------|------------|
| 0 | 0 |
| 1 | 1 |
| 2,3,4 | 4 |
| 5,6,7 | 8 |
| 8 ~ | 16 |

FIG. 4







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FIG. 5

(a) image signal

| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |

(b) tap value

| 0 | 0 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 |

(c) LPF1

tap value x 1 current-field image signal x 0.5

| 0 | 0 | 0 | 6 | 12 | 18 | 25 | 50 | 50 | 50 | 50 | 50 |
|---|---|---|---|----|----|----|----|----|----|----|----|
| 0 | 0 | 0 | 6 | 12 | 18 | 25 | 50 | 50 | 50 | 50 | 50 |
| 0 | 0 | 0 | 6 | 12 | 18 | 25 | 50 | 50 | 50 | 50 | 50 |
| 0 | 0 | 0 | 6 | 12 | 18 | 25 | 50 | 50 | 50 | 50 | 50 |

(d) LPF2

tap value x 0.5 current-field image signal x 1

| 0 | 0 | 0 | 0 | 0 | 25 | 50 | 100 | 100 | 100 | 100 | 100 |
|---|---|---|---|---|----|----|-----|-----|-----|-----|-----|
| 0 | 0 | 0 | 0 | 0 | 25 | 50 | 100 | 100 | 100 | 100 | 100 |
| 0 | 0 | 0 | 0 | 0 | 25 | 50 | 100 | 100 | 100 | 100 | 100 |
| 0 | 0 | 0 | 0 | 0 | 25 | 50 | 100 | 100 | 100 | 100 | 100 |

(e) LPF3

tap value x 0.25 current-field image signal x 2

| 0 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 200 | 200 | 200 | 200 |
|---|----|---|---|---|---|-----|-----|-----|-----|-----|-----|
| 0 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 200 | 200 | 200 | 200 |
| 0 | .0 | 0 | 0 | 0 | 0 | 100 | 200 | 200 | 200 | 200 | 200 |
| 0 | 0 | 0 | 0 | 0 | 0 | 100 | 200 | 200 | 200 | 200 | 200 |

(f) extended image signal

| 0 | 0 | 0 | 6 | 12 | 25 | 100 | 200 | 200 | 200 | 200 | 200 |
|---|---|---|---|----|----|-----|-----|-----|-----|-----|-----|
| 0 | 0 | 0 | 6 | 12 | 25 | 100 | 200 | 200 | 200 | 200 | 200 |
| 0 | 0 | 0 | 6 | 12 | 25 | 100 | 200 | 200 | 200 | 200 | 200 |
| 0 | 0 | 0 | 6 | 12 | 25 | 100 | 200 | 200 | 200 | 200 | 200 |



5/10 FIG. 6

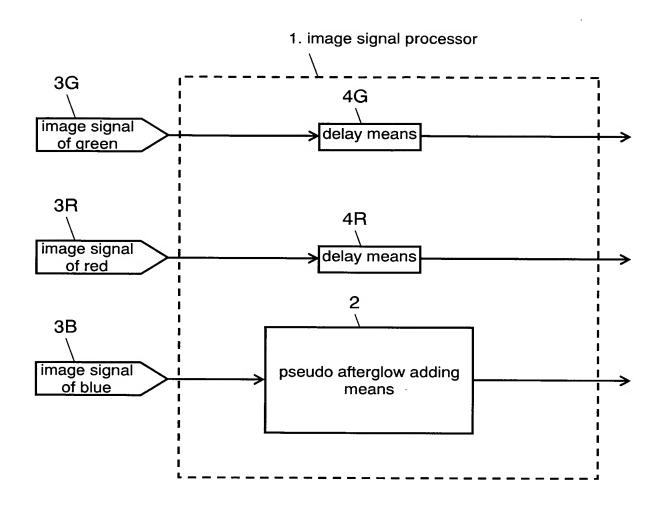
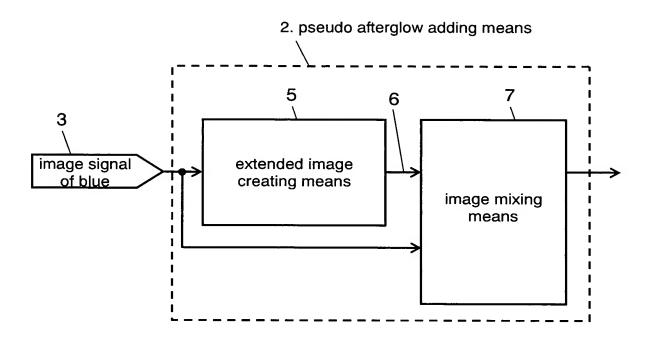
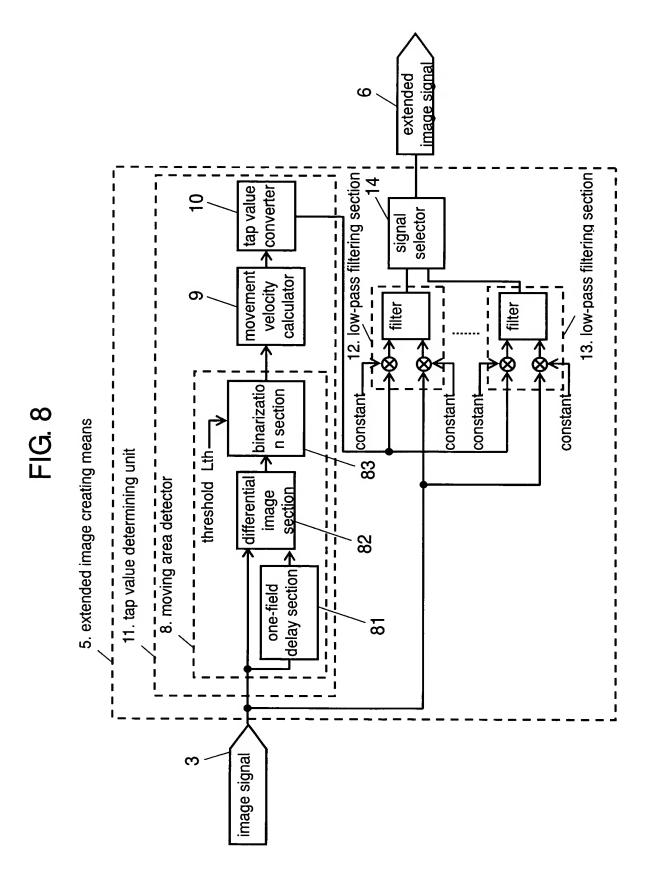
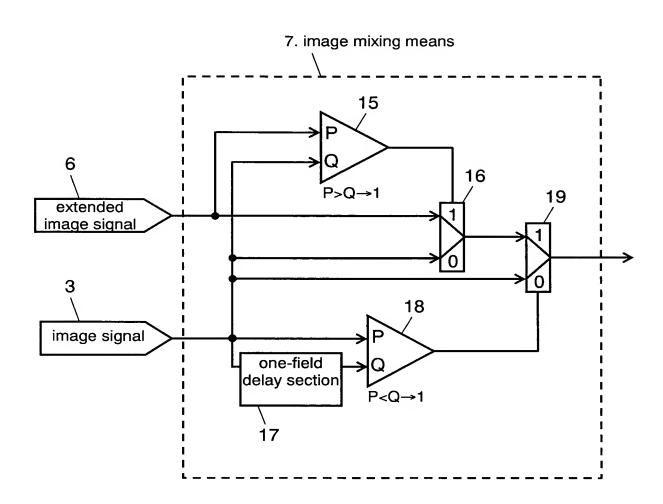


FIG. 7

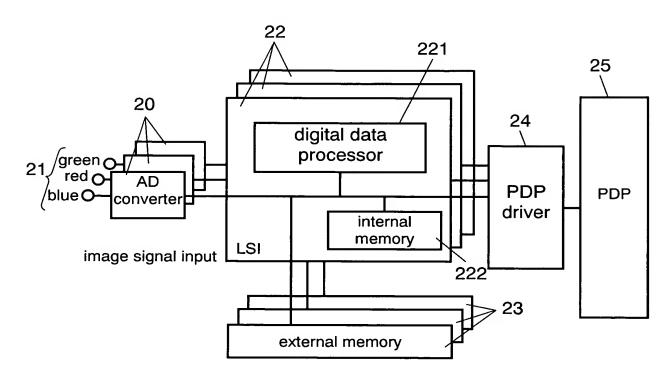




8/10 FIG. 9



9/10 FIG. 10



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[Reference marks in the drawings]

1: image signal processor

2: pseudo afterglow adding means

3, 3G, 3R, 3B:

image signal

4G, 4R:

delay means

5: extended image creating means

6: extended image signal

7: image mixing means

8: moving area detector

9: movement velocity calculator

10: tap value converter

11: tap value determining unit

12, 13: low-pass filtering section

14: signal selector

81: one-field delay section

82: differential image section

83: binarization section